HAMATEURCHATTER

One of the World's Oldest Continuously Active Radio Amateur Clubs - since 1917

Volume II No. 8 - August, 2003

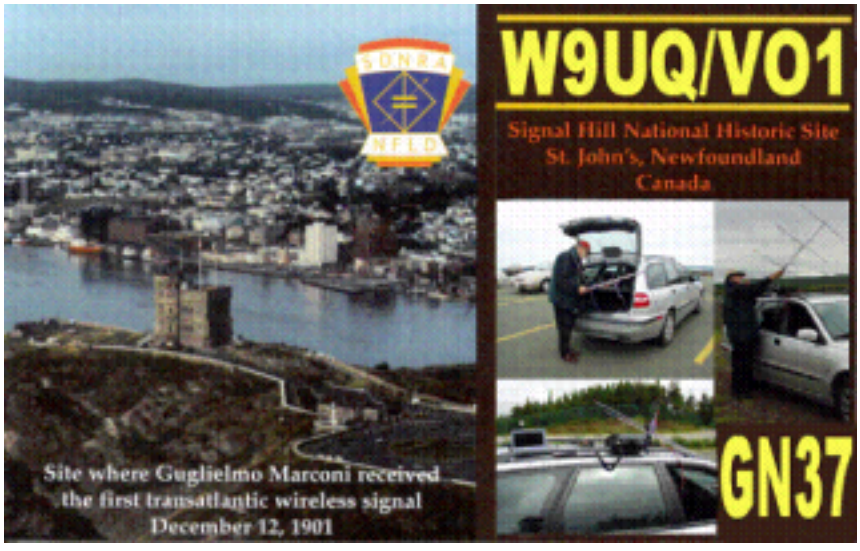
From The President's Desk

We have several topics and "themes" for this month's letter folks. Please bear with me as I do some free thought associations on paper.

First I want to continue on a theme I mentioned last month - telling kids the truth. We have a unique opportunity coming up with the school year, and that is the opportunity to participate in education. How many of you would be willing to step up to the plate and donate some time to spend in a classroom telling a bunch of kids what you love about this hobby? I know I am jumping at the opportunity and will definitely volunteer some of my time to do exactly that! Hopefully some of you will be able to join me and do the same. The program is not "firm" yet but we are working on it and I expect that some time in the near future we will be asked to provide volunteers to present Amateur Radio to youngsters on their own turf – in their school! I will let you know more as I find out. Just start getting excited, start getting prepared and let me know how much you are willing to do!

Now we switch gears so to speak and we go to a touchy subject… we, the club, needs space! We have some wonderful members that have been able to store our club property (radios, a generator, field day antennas, and several files full of historical documents). It turns out that they are no longer able to provide this free storage and we, as a club, are faced with several alternatives: sell the equipment – get rid of everything we can't carry with us – trash the files (after they are scanned to digital data – there is a State requirement to keep them) and eliminate the financial liability of finding "paid storage" at about $700.00 a year, or, find a new volunteer to store the antennas and other equipment, files, and such for the club. There wouldn't be a need for a lot of access – the field day stuff we need once a year – or during a bonafide emergency – or for some public event. The files – we need access to scan them and then they can be destroyed. Our QST library… unless a member wants to take charge of it and keep it available, we will probably offer it for sale on E-Bay. I don't expect an answer to this right now… let's just be ready to discuss it at the next meeting.

I've been doing a bit of traveling to different parts of the country lately and it is interesting to note how various locals use the FM spectrum… in Colorado Springs for instance, there was very little repeater activity. I had programmed



Continued on pg 2

club officers

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Tom Schulte AB9EK

Treasurer **(414) 357-6522**
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Tom Fuszard KF9PU
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Milwaukee Area Nets

DAY	TIME	MHz	ACTIVITY
Daily	6:00 PM	1.895	MidEast 160 mtr. Net
Daily	6-8:00 AM	14.290	Wisconsin/Florida (SSB)
Daily	7:30 AM	144.155	Breakfast RoundTable (SSB)
Daily	6:30 PM	3.645	WI Slow Speed CW Traffic
Mon.-Sat.	12:00 PM	28.380	10/10 International Net
Mon.	8:00 PM	3.994	Tech Net
Mon.	8:00 PM	146.865-	ARES Net (Walworth and ARRL news)
Mon.	8:00 PM	146.445	Emergency Net
Mon.	8:00 PM	146.865-	ARES Net (Walworth)
Mon.	8:45 PM	146.670-	ARRL voice news (ARES)
Mon.	9:00 PM	50.160	6 mtr.SSB NET
Mon.	9:00 PM	146.670-	ARES Net (Milwaukee-Waukesha)
Tue.	9:00 AM	50.160	6 Mtr. 2nd Shifter's SSB Net
Tue.	8:00 PM	144.250	Badger Contesters (SSB)
Tue.	8:00 PM	7.035	A.F.A.R. (CW)
Tue.	8:30 PM	223.500	X-Country Simplex Group (FM)

DAY	TIME	MHz	ACTIVITY
Tue.	9:00 PM	50.160	6 mtr. SSB Net.
Wed.	8:00 PM	28.365	10/10 Internat. (Milwaukee Ch.) (SSB)
Wed.	8:00 PM	145.130	ARRL voice news
Wed.	8:00 PM	147.270+	Weather & Swap net.
Wed.	9:00 PM	145.130	AMSAT net
Thu.	9:00 PM	50.160	6 mtr. SSB Net.
Thu.	9:00 PM	146.910-	Computer Net
Fri	**8:30 PM**	**28.490**	**MRAC W9RH 10 meter Net (SSB)**
Fri.	**9:00 PM**	**145.390-**	**W9RH 2 mtr. FM Net after 10mtr.**
Sat	9:00 PM	146.910-	Saturday Night Fun Net
Sun.	8:30 AM	3.985	QCWA (Chptr 55) (SSB)
Sun.	9:00 AM	145.565	X-Country Simplex Group (FM)
Sun.	10:00 AM	443.800+	FM-38 link to 146.88 Baraboo SWAP Net
Sun.	8:00 PM	28.365	10/10 International (Milwaukee Ch.) (SSB)
Sun.	8:00 PM	146.910-	Information Net
Sun.	9:00 PM	146.910-Swap Net Mon-Fri	

2 meter repeaters are offset by 600KHz - - 70 centimeter repeaters are offset by 5 MHz
SSB frequencies below 20 meters are LSB and for 20 mtrs and above are USB

Prez Cont. from pg. 1

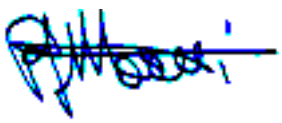
my HT with the local repeaters but even though I scanned and could bring up quite a few of them, I didn't hear much. It wasn't until I went to 146.52 that I found activity. The simplex frequency was jumping with several regulars monitoring and holding lengthy QSO's throughout the day. It was very nice to hear all of that activity. I put my call out and was made welcome. Questions about where I was, what I was doing, would I be in town for the local ham gathering, directions to the local restaurants where some hams gathered… and so forth. I was made to feel welcome! I actually had a great time! One of those QSO's saved me over an hour of driving in heavy traffic by routing me through a short-cut that actually worked!

When I travel I take different radios depending on the type of visiting I am doing. I will at least have an HT, usually pre-programmed with the local repeaters, but if I know I will have some time on my hands in the evenings, then I'll bring my QRP rig and attempt some QSO's from a different location! After Bob's presentation on QRP two months ago, I ordered a buddy pole and I have taken that with me on all of my "time available" trips. What I mean by that is that sometime I will have a short trip and be meeting people that either I will have to entertain, or they will feel obliged to entertain me… it would be impolite for me to whip-out my antenna and radio and sit there making Q's while they were trying to show me something. On other trips, one in particular to Newfoundland, I brought my satellite rig and arrow antennas to provide QSO's from a very remote grid square – GN37. It was great fun to be on the receiving end of all the calls from Stateside! I made up a special QSL card and made sure I sent one to all of the folks who made a contact.

I have to admit that people gave me funny look as I went about making my contacts with an antenna pointed at the sky. I was there for three days of free time and I was able to work UO14 for all of the passes during those three days. One evening, in the parking lot of the Marconi Station, the local police spent the whole satellite pass making sure no one "bothered" me – I had set-up in the middle what turned out to be a local party. I spent sometime manning the AA1VO station in the Marconi Museum right there in Cabot Tower on top of Signal Hill. The flow of people showing interest in ham radio was surprising. I really enjoyed demonstrating some of the equipment and making contacts with stations around the world during those visits.

I guess I keep coming back to this recurring theme – showing off Amateur Radio. Whether you show it off to kids or you show it off to adults, the result is the same, you learn more about amateur radio, you learn more about yourself, and you reinforce your hobby!

73!



Patrick, W9UQ

Membership Meeting July 31, 2003

Meeting was called to order at 7:10pm by Kevin, KC9BZU, the club's vice president. Patrick was out of town. Introductions were made and Warren, K9IZV pointed out that there were three first timers to our meeting.

Kevin passed around a newspaper article that Patrick had received from Barbara Brewer. The article was from the Birmingham Post Herald featuring a ten year old ham by the name of Rebecca, WG4Y, an extra class ham. Patrick had talked with her on kids' day and was quite impressed with her.

Tom, AB9EK, the club's secretary, read the minutes of the June meeting. A motion was made, and seconded, to approve the minutes as read. Motion passed. Mark, AB9CD, the club's treasurer gave the financial report. A motion was made, and seconded, to approve as read. Motion passed.

Jerry, WA9CGE gave a report on this Field Day/Club Picnic. Jerry stated that there were poor band conditions and the club's contacts were one third of last year contacts, about 200. Everyone that attended seemed to have enjoyed the activities. Jerry stated that Nels, WA9YAL, and his wife Melody, would serve next year if Jerry remains field Day Chairman. A round of applause was given to Jerry.

Mark gave a report on the repeater. At this time, everything is working fine. He thinks that a possible equipment configuration change might occur since the others involved in this project are moving in.

Tom, KF9PU, gave us a report on the NCVEC conference he attended. He stated that there was discussion on dropping the CW requirement. He stated that the W5YI team has drafted a petition to drop the code requirement and the petition has been filed with the FCC. Look for the FCC to ask for opinions on this matter. It might take up to a year or so before the code requirement would go away. Tom also stated that the FCC ULS system is being updated to make it more user friendly. Look for this around November. The new General Class question pool should be released in December. Tom also stated that there was some discussion on a new entry class license possibly restricted to 50 watts, but doesn't think this would happen. Tom was elected the new Chairman for the 2004 conference. Congratulations.

John Kraak stated that there is no VE testing in August. Testing would resume in September. John stated that if you are elmering anyone for the Technician Class license that you make sure you are using the new question pool. The new technician tests are based on this question pool and took effect on July 1st.

Tom, AB9EK, read a letter that came from the International Association of Fire Chiefs Weekly Homeland Security Bulletin. This bulletin "stated the importance of licensed amateur radio operators as part of the critical infrastructures of the emergency response community". Tom Czaja, KG9EE, provided this bulletin.

Please note that the Grayslake hamfest is on September 20-21st. Their fliers had the wrong date on them.

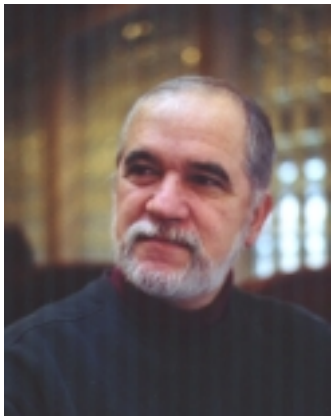
A motion was made and seconded to adjourn the meeting at 7:55pm. Meeting adjourned.

The program on razing a tower was provided by Mark Tellier, AB9CD.

Respectfully submitted,

Tom Schulte

Tom Schulte, AB9EK
Club Secretary



Our President, Patrick Moretti W9UQ

HamateurChatter

HamateurChatter is the newsletter of MRAC (Milwaukee Radio Amateurs' Club) which is a not for profit organization for the advancement of amateur radio and the maintenance of fraternalism and a high standard of conduct.

MRAC Membership dues are $17.00 per year and run on a calendar year starting with January 1.

Our Club/VEC Phone no. is **(262) 797-MRAC or in numbers (262) 797- 6 7 2 2.**

Correspondence may be addressed to:

M. R. A. C.
P.O. Box 070695
Milwaukee, WI 53207-0695

Our meetings are normally held at 7:00 PM. the last Thursday of the month except for December.

If you have articles or other correspondence for the 'Chatter, please contact Pancho Doneis at: (414) 344-4694 or Email me at: pancho@thepark.net

Thanks to VE's

Each year at this time, I like to take a moment to say thank you to the VEs who contributed their time and talents at this test year's VE sessions. In the period from September 2002 through July 2003, the MRAC VEC sponsored 10 VE exam session. We served 93 examinees of whom 71 either upgraded their present license or qualified for their initial license. 127 Elements were administered, and 82 were passed for a pass success rate of 65%. For whatever reason, the number of examinees which we served this year declined by 43% as compared with the previous year.

I would like to recognize the following VEs and the number of sessions they attended:

Doug Awe N9VA (3)
Mark Bye KB9LDX (5)
Gabe Chido WI9GC (3)
Kent Christiansen N9WH (4)
Jim Cronin K9UGD (1)
Tom Czaja KG9EE (7)
Pancho Doneis KA9OFA (2)
Tom Fuszard KF9PU (1)
Bob Hensiak AB9EZ (3)
Bob Immekus W9CYI (7)
Kate Kedney KA9MWT (3)
John Kraak KF9XL (8)
Ken Lyman K9OQ (1)
Norm Mc New KB9QL (2)
John Merkl WB9PSE (1)
Joe Mettry AA9DO (1)
Patrick Moretti W9UQ (9)
Tom Schulte AB9EK (6)
Sherm Swanson KB9Q (6)
Mark Tellier AB9CD (8)
Jerry Thompson W9SFH (4)

We look forward to a new exam season beginning on Saturday September 27, 2003 at 9:30AM at AES.

Thank you.

73,

John (KF9KL)

John KF9XL
MRAC VEC

VE Exam Results

MRAC VEC held VE testing on July 26, 2003 at AES. There were 14 examinees, and 8 were successful in either upgrading or in qualifying for their initial license. 19 Elements were administered, and 9 were passed. Those VEs who attended the session included the following:

Gabe Chido WI9GC
Kent Christiansen N9WH
Tom Czaja KG9EE
Bob Immekus W9CYI
John Kraak KF9XL
Patrick Moretti W9UQ
Tom Schulte AB9EK
Sherm Swanson KB9Q
Mark Tellier AB9CD
Jerry Thompson W9SFH

We will not offer VE testing in August. Our next Session will be Sat Sept 27th at 9:30AM at AES.

73,

John (KF9KL)

MRAC VEC A Exam Schedule

- Sat-**Sept. 27, '03** – 9:30 AM AES
- Sat-**Oct. 25, '03** – 9:30 AM AES
- Sat-**Nov. 29, '03** – 9:30 AM AES
- Sat-**Jan. 3, '04** – 9 AM AMF Waukesha Lanes (Near EXPO) (WARAC Swapfest)
- Sat-**Jan. 31, '04** 9:30 AM AES
- Sat-**Feb. 28, '04** 9:30 AM AES
- Sat-**Apr. 3, '04** – 9 AM AES (Superfest)
- Sat-**Apr. 24, '04** – 9:30 AM AES
- Sat-**May 29, '04** – 9:30 AM AES
- Sat-**Jul. 31, 2004** – 9:30 AM AES

Attention

Please note that the date for Radio Expo 2003 has been changed. It's a week earlier, now:

Sat. & Sun. - Sep. 20 & 21, 2003

Lake Co. Fairgrounds
Grayslake, IL

Upcoming Programs

August 28th meeting will be Don Michalski talking about ARRL.

September 25th meeting will feature Dick Wood-W9JBE who will give a presentation on HF Beacons.

October 30th will be a program about RF Exposure by AB9EK.

Programs are subject to change as needed..

If any of you have a program which would be interesting to our members, please don't be shy about letting us know about it. Or if you know of an interesting program by anyone else for our meetings don't hesitate, let us know about these programs. We'll see what we can do.

From: S.J.Swanson <swanson@ticon.net>

1. Last month W9UQ, Patrick editorialized about getting young people interested in amateur radio. Although I agree it is an admirable goal, I feel that it is somewhat futile and those young folks that do become active in the service are rare and far between. Here is an item I published in my weekly newsletter that addressed the issue.

"There is always the effort to get "young people" interested in Amateur Radio. I'm convinced that we must interest the 30 to 50 year old in the hobby. I know of at least 3 father-son/daughter teams that started out together with Technician Licenses. The fathers now has the Extra Class license and the offspring are ignoring the code test and are rarely heard on the air. As you look at those that enter the hobby at an older age they seem to have the focus and persistence to excel in whatever corner of the hobby they choose to occupy. The youngsters treat it as a novelty and seem to become inactive as school events, the opposite sex and early years in college and job force take priority. Hopefully, with the ten year license term, those folks will return to active status when their life settles in. Having said that, I see the thrust of using ham radio in the schools has changed from pointless short term goal of "getting them licensed" to using radio as a tool for teaching. By using the hobby to teach basic electronic principles, geography, weather, physics etc., a seed will be planted that later in life may develop and bloom into a sincere and meaningful interest." (November 22 2002)

2. W9VSO, Art used to be an active, aggressive member of the Milwaukee Radio Amateurs' Club. Many of you will remember the copy of his 1961 Field Day report that I circulated at a meeting and should now be in the Club archives. (If you missed it, I have a .jpeg that I can share.) Recently, I sent an E-mail to Art wondering why I had not recently heard from him and received the following reply from his spouse.

"Sherm; This is Art's wife Terry, N9VKF>>>>> The reason you have not heard from Art is that he is in a nursing home with multi health problems. His memory is not as good some days as it could be, but I print up all you send him and he reads them when he feels like it. He is bed ridden and has very little strength. If you want more info. I will send you it.
73 Terry."

"Not everything that can be counted counts, and not everything that counts can be counted."
- Albert Einstein

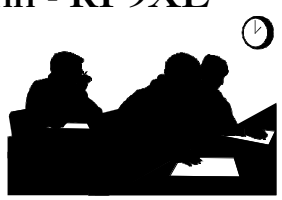
Exam Requirements

When coming to take an exam, please bring your present original license (if you have one) plus a copy for our records. Also bring any CSCE's (and a copy of each) which might pertain to the license upgrade for which you are striving. If you wish to apply for a grandfathered credit (for example, an old novice license credit for the EL-1 code exam) you must furnish written proof of this credit. Please bring along 2 forms of ID including one with your picture. The fee for the exam remains at $8.^{00}$. If you need to retake an exam element at the same session, a separate $8.^{00}$ fee is charged. Please bring a pen, pencils, and a simple, non-programmable calculator and no cell phones.

Thank you.

John (KF9XL)

John - KF9XL



HELP !!!!!

Your club, The Milwaukee Radio Amateurs' Club, needs your help, or more precisely, space. We've enjoyed the generosity of Jim Tromblay, WB9LNU, for many years but all good things come to an end and we are now in search of dry, secure storage space.

We need space for the club's field day equipment, files, testing gear and miscellaneous documents. Access is only occasional... before and after field day, some testing sessions, and hopefully, some future special events to raise interest in amateur radio (and membership in the MRAC).

Trash all those files? Not totally possible as we are legally required as a corporation to keep records! Sell all the equipment? We do not want to do this.

P l e a s e, think of extra space in your storage locker, garage, basement, etc. You do not have to store all the items. Storage can be split among several members.

If you can spare some space contact one of the MRAC board members. We are listed in every issue of the Chatter. Please, call, email, write, talk to us at a meeting, at Saturday breakfast, or VEC testing. It couldn't be easier and you'll help save an important asset of the MRAC, OUR STUFF!

The MRAC Board of Directors.

Space is Needed for our Club Stuff!

ARLS012 Two-ham crew named for ISS Expedition 8 crew

ZCZC AS12
QST de W1AW
Space Bulletin 012 ARLS012
>From ARRL Headquarters
Newington, CT July 25, 2003
To all radio amateurs

SB SPACE ARL ARLS012
ARLS012 Two-ham crew named for ISS Expedition 8 crew

Another two-ham crew will take over the reins of the International Space Station (ISS) this fall. Veteran NASA astronaut Mike Foale, KB5UAC, and seasoned Russian cosmonaut Alexander Kaleri, U8MIR, have been named as the ISS Expedition 8 crew. Former crew members aboard the Russian Mir space station, Foale and Kaleri will kick off their latest space station duty tours October 18. They'll head into space aboard a Russian Soyuz spacecraft with a third ham, Spain's Pedro Duque, KC5RGG—representing the European Space Agency (ESA). They'll dock two days later at the ISS.

The English-born Foale, 46, will serve as the Expedition 8 commander and NASA ISS science officer. Kaleri will be the Soyuz commander and ISS flight engineer. They'll replace Expedition 7 crew members Commander Yuri Malenchenko, RK3DUP, and Ed Lu, KC5WKJ, who have been aboard the ISS since April. Duque will ride into space with Foale and Kaleri on the outbound mission and return to Earth with the Expedition 7 crew, Malenchenko and Lu, aboard the Soyuz now docked at the ISS.

A native of Latvia, Kaleri, 47, was a member of the backup crew for Expedition 5 and had been scheduled to be the third Expedition 7 crew member. With the NASA shuttle fleet still grounded at least until early next year in the wake of the Columbia tragedy, however, the Expedition 7 crew was trimmed to two people, and Kaleri was cut.

Two-person crews will be the rule at least until the space shuttle—with its significantly larger cargo and crew capacity—returns to flight. The Soyuz, which carries three passengers, will remain the prime crew transport system. Foale and Kaleri are scheduled to spend approximately six months aboard the ISS.

NNNN
/EX

PDF Files?

Are you reading this in the electronic version of the Chatter? Then you are viewing a PDF file. PDF stands for Portable Document Format. It was developed by Adobe Systems Inc. The first program that could create PDF files was Adobe Acrobat. What, you have Acrobat and you can not create PDF files. Well, if that is true, you have the free Acrobat reader program which is now called Adobe Reader. Adobe makes the viewing program available for free. That is a great way to create a standard. Give away the viewing program and charge for the creation program. Real Adobe Acrobat Writer costs anywhere from about $275 - $500 depending on which program you buy. You can even create the files online at the Adobe web site (for around $10/month). A number of other programs can create PDF files without Acrobat (anyone who pays Adobe for the right). There are even some free or very low cost programs which say they can create PDF files. I know of them but have never used any of them so I can't comment on how good they are. Just do a search on the web for PDF and see what you find.

So what's so special about PDF files? They are an easy way to distribute documents electronically. Since the reader is free, everyone with a computer, PC, Mac, Unix, Linux, even a Palm, can read a PDF file. So what? A computer file is cheaper than paper. 10 years ago in my job as an electrical engineer I had a 4 shelf bookcase full of semiconductor databooks. Today I don't have any. All data sheets and component info can be downloaded from the Web. That way I always have the latest information, instead of having to wait months for a new book to be printed and distributed. MRAC uses PDF files to save money. Printing and mailing the newsletter can cost more than we bring in in dues. Getting the Chatter electronically also can mean you receive it up to a week before the paper version may arrive at your house. The Chatter is also produced in color which also applies to the PDF file, while it is printed only in black and white. Another reason for having the Chatter in electronic form is it can be distributed to many more people than just club members, at really no cost. You could email the file to anyone or they can download the file from the MRAC web page (http://www.qsl.net/mrac).

Since we started distributing the Chatter electronically, there have been a number of questions and problems from people. So lets try to address them. First off, get the latest version of the reader. Currently that is 6.0. Download it from the adobe web site (http://www.adobe.com). Follow the link for "Get Adobe Reader". If you have an older version on your computer, it's best to remove it before installing the new version. This is because software updates often only work in the mind of some software marketing person. The reality is you often need to remove an older version before loading a new version. The latest version of Reader can read files created with older versions. Older versions of Reader may not be able to read files created with newer versions of the writer. A PDF file is also a very tight data format, meaning further attempts at compressing a PDF file (with ZIP or any other file compression program) may not make any real difference.

OK, you receive the Chatter via email. You could try to view it from within your email program, but the best way is to save the file to your computer disk (anywhere, the desktop, a specific folder-directory, anywhere you are comfortable, just remember where you put it). How do you read the file. If Acrobat installed properly a file association for the .PDF file extension was probably automatically setup. What that means is that all you have to do to open the file with Acrobat is to double-click on the file name (in Windows Explorer or if you made an icon on the desktop) and the program is started and the file loaded. Otherwise, as with any other program, just start the program and then do a FILE - LOAD (from the menu or the toolbar icons) and navigate to where you saved the file and select it.

What if you want to get the Chatter from the MRAC web page? If you just click on the link on the web page (and Acrobat is properly installed on your system AND you use Internet Explorer) you will actually open the reader from within Internet Explorer and read the file from the web server (the computer at QSL.NET where the data is really stored). That means you may have to wait to see an entire page and to move to the next page (or going to a previous page). The best way to get the Chatter from the web page is to download the file to your computer. To do that (using Internet Explorer) click the right mouse button over the link to the Chatter and select "Save Target As" from the right mouse button menu. Then just select a place on your computer to put the file (from the screens that next appear) and wait for the file to download. You now have the file on your computer.

So how do you want to read the file? Many people don't re-

Continued on pg 8

Think About

Some things to think about in the upcoming seasons not in any particular order:

- Programs for MRAC Club meetings (any ideas or volunteers?)
- Refreshments for meetings
- Raffle after meetings
- Ham License Classes (Tech, General, and Extra) (students or volunteers?)
- VE exam sessions (volunteers anyone?)
- Christmas Party in December
- VHF/ UHF Sprint and/or other special events
- Club auction in spring
- Election of officers (any volunteers or ideas?)
- SuperFest
- Field day in June (ideas, volunteers, and participants)
- Club picnic
- SwapFests (attending and helping with Club table)
- Storage of MRAC Club equipment and materials
- Club projects and events
- Repeater usage and other ideas
- Welcoming new members and HAMs at meetings and events
- Saturday morning Breakfasts
- Friday night nets on ten and two meters
- Articles and news items for HamateurChatter
- Attracting new members (both young and more mature) and people who've wandered away
- Dayton HamVention
- Active participation in Club functions
- A real home for our Club
- Elmering
- Travis Baird Award
- Antennas for your own antenna farm
- HAMming while on vacation
- Building Amateur (HAM) projects
- Inviting people from other HAM Clubs to our meetings
- Emergency communications
- New member packets
- HAM projects in schools
- HAM books and literature for libraries and other public places
- News paper, radio, TV, Internet, and word of mouth PR
- Inviting others into your shack for a visit and a little PR
- Cooperation between HAM Clubs
- Helping other HAMs with projects (antenna and building projects)
- Helping spouses of deceased HAMs to dismantle and dispose of HAM gear
- Special Event communications

Kevin Reeme KC9BZU
MRAC Vice president

Late night 2001 Field Day operator,
WA9CGE - Jerry Wahlen

PDF's Continued from pg 7

ally like reading Documents on a computer screen. Well then, if you have a printer, just print it out. Nothing personal, but you can print the Chatter cheaper than the club can. You can print the entire document, just the current page you have displayed, or a selected page or range of pages. Depending of the version of the program you have, you may even be able to print a selected portion of a page. And of course, if you have a color printer, you can have the Chatter in color.

Finally, if you really want to try to know everything there is to know about PDF files, there is a web site that tries to do just that. http://www.pdfzone.com.

I hope we may have answered some of the questions people have had about the famous PDF file. Do you have any other computer questions you would like answered, email me at wb9bwp@arrl.net and maybe there will be future articles here to address those questions (I'm sure I can find someone to tackle the questions).

Dave - WB9BWP

EVENTS

* indicates VEC Testing

VE Testing *

Bolingbrook Amateur Radio Society's HamFest *
SUN - AUG. 24, 2003
Jefferson Co. Fairgrounds
Jefferson, WI
T/I on 147.33+ & 224.54- rptr.s

MRAC General Meeting
Thu. - Aug. 28, 2003

Peoria SuperFest *
FRI., SAT. & SUN. - SEP. 19-21, '03
Exposition Gardens Fairgrounds
Peoria, IL
T/I on 147.075- rptr

Note: Date Change

Radio Expo 2003 *
Sat. & Sun. - Sep. 20 & 21, 2003
Lake Co. Fairgrounds
Grayslake, IL
T/I on 146.16/76 (PL 107.2 Hz) rptr.

MRAC General Meeting
Thu. - Sep. 25, 2003

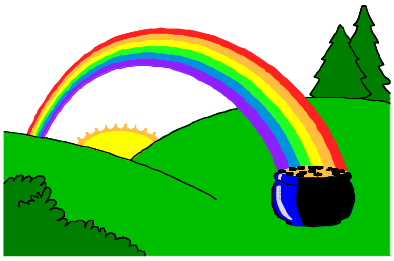
South Bend Regional HamFest
SUN. OCT. 5, 2003
Elkhart Co. Fairgrounds
Goshen, IN
T/I on 145.43 - rptr.

MRAC General Meeting
Thu. - Sep. 25, 2003

Ft. Wayne HamFest
SAT. & SUN. - NOV.15 &16,2003
Allen Co. War Mem. Coliseum Expo Ctr.
Ft. Wayne, IN
T/I on 146.88 (-) rptr.

WARAC Midwinter SwapFest *
SAT. - JAN. 3, 2004
Waukesha Co. Expo Center

MRC
Amateur Radio Fest 2003
SAT. - NOV. 1, 2004
Waukesha Co.Expo Center
Waukesha, WI



Use it or lose it -- our Repeater.

145.390 MHz - offset and PL of 127.3Hz

Meeting Schedule

Our Meeting schedule for year 2003 through August:

Thu. - Aug. 28, '03
Thu. - Sep. 25, '03
Thu. - Oct. 30, '03

See you there!

Pancho - KA9OFA

Credits

Our thanks to our news contributors this month:

WB9BWP	K9LCQ	W9UQ
AB9CD	KB9Q	KF9XL
AB9EK		

Thanks also to Rita Doneis and Mark Tellier for help in the proof-reading dept. Our thanks goes to Jerry Wahlen for making sure that the 'Chatter gets printed, stamped, and mailed.

Thanks also goes to Howard Parks who administers our website.

Thanks also to Alfred Huwald, and Ted Stiller for obtaining and serving refreshments at our meetings.

Thanks also goes to Tom Sherlowsky and Jacquie Horwitz for taking care of the raffle at the meetings.

Thanks John Kraak and Tom Fuszard who are our VEC's

Thanks to Jerry Wahlen - WA9CGE for hosting our Friday night nets and chairing the Field Day committee.

Special thanks to all of our officers (past and present) who have tirelessly toiled for the good of the Club and Amateur Radio in general.

Thank YOU!

M.R.A.C.

Meetings are normally held the last Thursday of each month except in December.

Our next meeting is;

Thursday - July 31, 2003.

at 7:00 PM at:

Redemption Lutheran Church
Fellowship Hall
4057 N. Mayfair Rd.
(Use the south entrance)
HANDICAPPED ACCESSIBLE

Please! Don't call the Church

Attention!!!

Program for the Thursday - August 29, '03 MRAC meeting will be a presentation by Don Michalski on

ARRL

Visit our Website **http://www.qsl.net/mrac/**

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797 - 6 7 2 2

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